

AMENDMENT TO CLAIMS

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (original) A metallized fiber structure manufacturing method producing fiber in high vacuum space by power-arousing the metal particles to attach to a fiber matrix, the power agitation being gas bombarding, thermal evaporation, plasma or plating in order to strengthen the metallized effect, such as blocking, storing and conducting electricity, magnetic wave and thermal energy, on the metallized fiber structure.

Claim 2 (original) The metallized fiber structure manufacturing method, as mentioned in Claim 1, wherein using high metal contended composites, compounds or chemical compounds that are composed of one or more kind of metallic materials like copper, nickel, silver, or aluminum, by blending, hybrid or compounding.

Claim 3 (original) The metallized fiber structure manufacturing method, as mentioned in Claim 1, wherein manufacturing fabric in vacuum air being under 0.1 torr.

Claim 4 (original) The metallized fiber structure manufacturing method, as mentioned in Claim 1, wherein to utilize sandwich structured matrix whose three layers are woven at a time and among which the linear middle layer is preferred. The upper and lower layers can be either plane cubic structure or web cubic structure.

Claim 5 (original) The metallized fiber structure manufacturing method, as mentioned in Claim 1, wherein that using matrix that is in advance polymer sprayed, coated and pasted to secure the bondage of the matrix and metal particles.

Claim 6 (original) The metallized fiber structure manufacturing method, as mentioned in Claim 1, wherein to use chemical plating to metallize the fabric.

Claim 7 (original) The metallized fiber structure manufacturing method, as mentioned in Claim 1, wherein that using matrix composed of synthetic fiber or single spin.

Claim 8 (original) The metallized fiber structure manufacturing method, as mentioned in Claim 1, wherein to program the direction of metallization according to the direction of power agitation, while the metal particles being made of one or more kind of metal simultaneously or gradually to form blending, hybrid or compounding metallic functions or to promote even distribution of metallization and accelerate production.

Claim 9 (original) The metallized fiber structure manufacturing method, as mentioned in Claim 1, wherein that using metal particles separated by gasification and ionization hence gathered up on the surface of the matrix, and the metal particles being single or more metallic materials, compounds or chemical compounds.

Claim 10 (original) The metallized fiber structure manufacturing method, as mentioned in Claim 1, that using chemical plating to produce metallized fiber structure whose characteristic is utilizing cubic structure textile as the matrix.

Appln. No. 10/046,090
Amd. Dated 10/15/2003
Reply to Office Action of 9/23/2003

Claim 11 (original) The metallized fiber structure manufacturing method,
as mentioned in Claim 1, that producing ceramicallized fiber structure by
substituting ceramic composite for metallic composite.

Claims 12-17 (canceled).